IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method of multicasting information to a set of clients comprising:

constructing a data topology associated with the set of clients based on a set of performance information parameters associated with the set of clients;

determining a primary client using the performance information parameters and a network location of the client, the network location relating to the data topology;

transmitting a first portion of the multicast information to the primary client from a server;

instructing the primary client to forward the first portion of the information to a secondary client; and

in the event a new client is added to the set of clients:

receiving a new performance information parameter associated with the new client;

determining based at least in part on the new performance information parameter whether the new client is to be used instead of the first primary client to forward multicast information to the secondary client; and

in the event it is determined that the new client is to be used instead of the first primary client to forward multicast information to the secondary client, designating the new client as a new primary client to be used to forward information a subsequently sent portion of the information, if any, to the secondary client.

2.   (Currently Amended) A method of multicasting information to a set of clients as recited in claim 1 further including receiving the set of performance information parameters from the set of clients.

3.   (Previously Presented) A method of multicasting information to a set of clients as recited in claim 1 further including pinging clients to determine the network location of the clients.

4.   (Previously Presented) A method of multicasting information to a set of clients as recited in claim 1 wherein the information is streaming video.

5.   (Currently Amended) A method of multicasting information to a set of clients comprising:

    determining a performance parameter for each of the clients;

    constructing a data topology associated with the set of clients based on the performance parameter associated with each of the clients;

    selecting a subset of the clients to be primary clients based on the performance parameter and a network location relating to the data topology;

    transmitting the information to the primary clients for retransmission to other clients in the set of clients; and

    in the event a new client is added to the set of clients:

        receiving a new performance ~~information~~ parameter associated with the new client; and

        determining based at least in part on the new performance ~~information~~ parameter whether the new client is to be a primary client.

6.   (Currently Amended) A method of multicasting information to a set of clients comprising:

    constructing a data topology associated with the set of clients based on a set of performance ~~information~~ parameters associated with the set of clients;

    determining a network location for each of the clients;

    determining a primary client using the set of performance ~~information~~ parameters and the network location of each of the clients, the network location relating to the data topology;

    selecting a subset of the clients to be primary clients based on the network location and the performance ~~information~~ parameters;

    transmitting the information to the primary clients for retransmission to other clients in the set of clients; and

    in the event a new client is added to the set of clients:

receiving a new performance ~~information~~ parameter associated with the new client; and

determining based at least in part on the new performance ~~information~~ parameter whether the new client is to be a primary client.

7 – 17. (Canceled)

18.	(Currently Amended) A server configured to multicast information to a set of clients comprising:

a client interface configured to transmit the information to a primary client from the server and to instruct the primary client to forward the information to a secondary client; and

logic configured to:

construct a data topology associated with the set of clients based on a set of performance ~~information~~ parameters associated with the set of clients;

determine a primary client using performance ~~information~~ parameters and a network location of the client, the network location relating to the data topology; and

in the event a new client is added to the set of clients, update the primary client determination based at least in part on a new performance ~~information~~ parameter associated with the new client.

19.- 20.	(Canceled)

21.	(Currently Amended) A computer program product for multicasting information, the computer program product being embodied in a computer readable medium and comprising computer instructions for:

constructing a data topology associated with the set of clients based on a set of performance ~~information~~ parameters associated with the set of clients;

determining a primary client using the performance ~~information~~ parameters and a network location of the client, the network location relating to the data topology;

transmitting a first portion of the information to the primary client from a server;

instructing the primary client to forward the first portion of the information to a secondary client; and

in the event a new client is added to the set of clients:

receiving a_new performance ~~information~~ parameter associated with the new client;

determining based at least in part on the new performance ~~information~~ parameter whether the new client is to be used instead of the first primary client to forward multicast information to the secondary client; and

in the event it is determined that the new client is to be used instead of the first primary client to forward multicast information to the secondary client, designating the new client as a new primary client to be used to forward ~~information~~ a subsequently sent portion of the information, if any, to the secondary client.